

#### ABSTRACT

Systems and methods associated with costs of a selected objective are disclosed. One embodiment of a system may comprise a constraint evaluator that evaluates a value set associated with a plurality of objectives to determine if a non-selected objective has violated at least one constraint. The system may further comprise a cost function configurable to evaluate a cost associated with the value set at a first cost range if the value set violates the at least one constraint associated with the non-selected objective, and to evaluate a cost associated with the value set at a second cost range associated with the selected objective if the value set does not violate the at least one constraint associated with the non-selected objective, such that the second cost range is different from the first cost range.